

## PRESSURE PIPING REPAIR / ALTERATION REPORT

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**REPAIR**  and / or **ALTERATION**  Contractor LBP No \_\_\_\_\_ License Class  A  Au  Ap

1. Name and Address of Organization doing Repair/Alteration \_\_\_\_\_  
 (a) Location of Installation \_\_\_\_\_
2. Name of Owner \_\_\_\_\_  
 (a) Address \_\_\_\_\_
3. Pressure Piping Name/Description \_\_\_\_\_ CRN(>NPS3 only) \_\_\_\_\_  
 (a) P&ID or Isometric drawing Numbers with Rev # \_\_\_\_\_  
 (b) Line list Document Number with Rev # \_\_\_\_\_
4. Piping original Manufacturer \_\_\_\_\_ LBP No. \_\_\_\_\_ Year Built \_\_\_\_\_
5. Design Conditions:  
 (a) Max Allowable Working Press. \_\_\_\_\_ PSI (b) Min/Max Design Temp \_\_\_\_/\_\_\_\_ °F (c) Pipe Dia \_\_\_\_\_  
 (d) Pipe Schedule \_\_\_\_\_ (e) Flange Rating \_\_\_\_\_ (f) Fitting Rating \_\_\_\_\_
6. Description of Defects: (Location and types of deterioration that resulted in the repair/alteration): \_\_\_\_\_  
 \_\_\_\_\_
7. ASME Code of Construction/Repair/Alteration: B31.1  B31.3  B31.5  B31.9  Year \_\_\_\_\_ Addenda \_\_\_\_\_ FS\* \_\_\_\_\_
8. WPS's: \_\_\_\_\_  
 Technical Safety BC Registration No's (WPS): \_\_\_\_\_
9. Welder: \_\_\_\_\_ Technical Safety BC Registration No. \_\_\_\_\_
10. NDE Contractor: \_\_\_\_\_ RT % \_\_\_\_\_ UT % \_\_\_\_\_ MT % \_\_\_\_\_ PT % \_\_\_\_\_ VT % \_\_\_\_\_  
 (a) Tech 1 \_\_\_\_\_ CGSB Level \_\_\_\_ Reg No. \_\_\_\_\_ (b) Tech 2 \_\_\_\_\_ CGSB Level \_\_\_\_ Reg No. \_\_\_\_\_
11. Repair/Alteration Description of Work. (Step by step description of repair/alteration method. Attach additional sheets as needed). **Note 1:** Repair/Alteration Procedure to be accepted by Technical Safety BC Boiler Safety Officer prior to start of work.  
 \_\_\_\_\_  
 \_\_\_\_\_

12. Material – List any material used in repair/alteration and any base material welded on: (attach additional pages, if required)

Item	Material Spec/ Class	Thick/Sch	Diameter	Item	Material Specs/ Class	Thick/Sch	Diameter

13. Heat Treatment: Bake Out (Temp./Time) \_\_\_\_\_ / \_\_\_\_\_ hr Preheat Temp. \_\_\_\_\_ Post Weld HT (Temp./Time) \_\_\_\_\_ / \_\_\_\_\_
14. Heat Treatment Contractor \_\_\_\_\_ Date/s of HT Application \_\_\_\_\_ Technician \_\_\_\_\_

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15. Pressure Test Applied (a) Hydrostatic \_\_\_\_\_ PSI (b) Pneumatic \_\_\_\_\_ PSI (c) Other \_\_\_\_\_  
 (d) Certified Gauge/Recorder \_\_\_\_\_  
 (e) Test Medium \_\_\_\_\_ (f) Holding Time \_\_\_\_\_ Date Work Completed \_\_\_\_\_  
 \*FS=Fluid Service

16. **CERTIFICATE OF COMPLIANCE**

We certify that the statements made in this Report are correct and that all design, material, construction and workmanship on this repair/alteration conform to the requirements of the Power Engineers, Boiler, Pressure Vessel and Refrigeration Safety Regulation:

Repair / Alteration Organization Name	Owner / Client Organization Name (See Note 2)
B.C. License Number and Expiry Date	B.C. License Number and Expiry Date (If applicable)
Signature and Date	Signature and Date
Print Name	Print Name

Note 2: Owner/client must have a valid B.C. Contractors license for the scope of work to assume responsibility for;

- a) Material control,
- b) Welding control,
- c) NDE,
- d) Heat treatment or,
- e) Pressure test

Note 3: Identify items that the owner/client has assumed responsibility for;

- a) Design submission \_\_\_\_\_
- b) Repair / alteration procedure \_\_\_\_\_

17. **CERTIFICATE OF INSPECTION**

(When any stage of work and / or pressure test is assessed / attended by Technical Safety BC Boiler Safety Officer)

I have inspected the repairs and/or alterations described in this report. To the best of my knowledge this work has been done in accordance with the Power Engineers, Boiler, Pressure Vessel and Refrigeration Safety Regulation.

Date: _____	Date: _____
Name: _____ Signature: _____	Name: _____ Signature: _____
<i>Owner's Inspector's Name &amp; Signature</i>	<i>Technical Safety BC Boiler Safety Officer's Name &amp; Signature</i>

18. When Work is not inspected by the Boiler Safety Officer (Repair/Alteration Report Receiving Only)

\_\_\_\_\_

Technical Safety BC Boiler Safety Officer Signature and Date